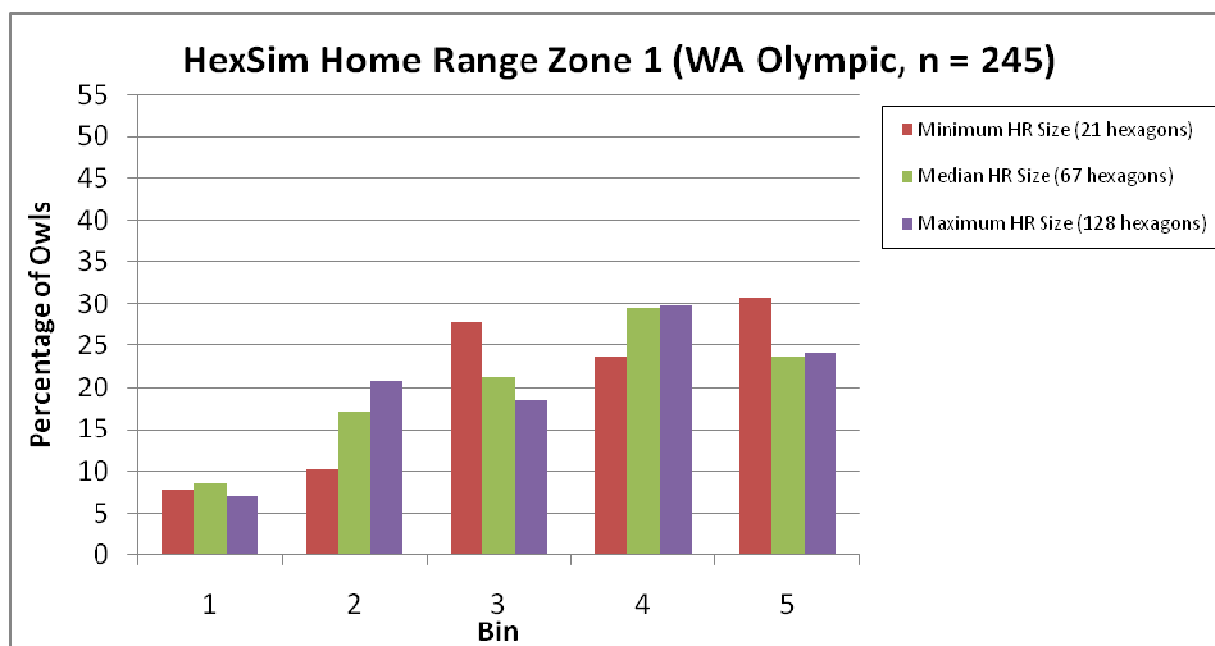


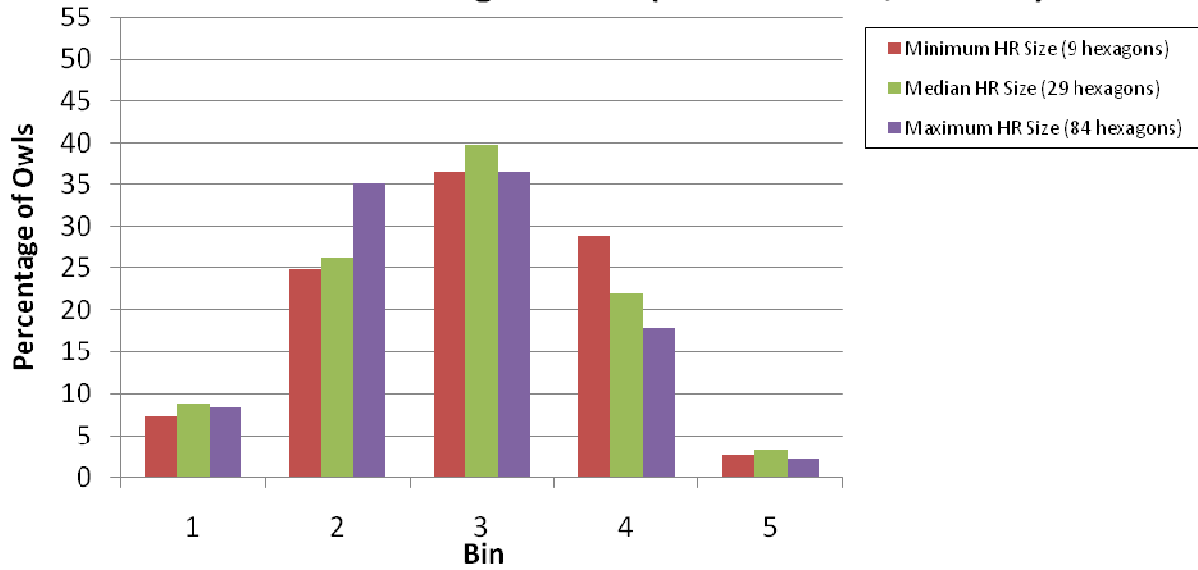
Below we’ve put together a series of graphs and tables that show how the summation of mean MaxEnt values among HexSim hexagons are distributed within estimated NSO home ranges (i.e., we summed the mean MaxEnt values of all hexagons within each bird’s estimated home range). We used the values from Nathan’s “Notes on Range Size and Resources” for the minimum, median, and maximum estimated home range size by zone. Number of hexagons among these minimum, median, and maximum home range sizes can be found in the legend of each figure. The “bins” along the x-axes represent 5 equal-sized increments as a function of the maximum value found for each home range size (e.g., min., median, max.) within each zone.

These summary evaluations are meant to be a starting point for determining cut-points for resource unit acquisition categories as they relate to home range size and survival, by zone, in HexSim. If you’d like to look at the raw data or have some different evaluations done – let us know.



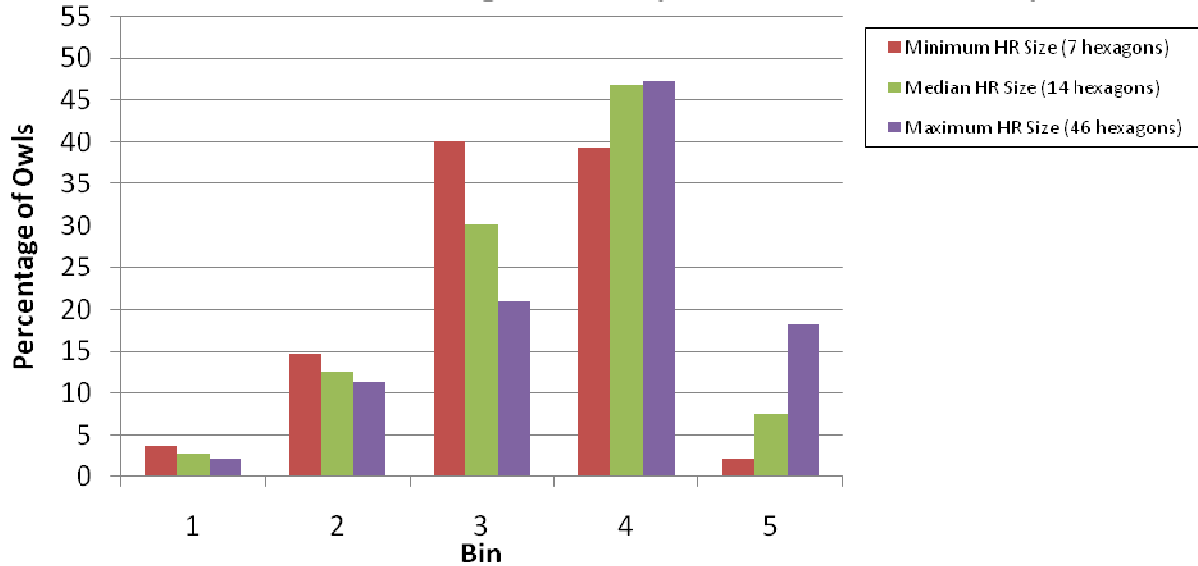
Zone 1 Statistic	Home Range Size		
	Minimum	Median	Maximum
Minimum	26.5	83.3	154.9
Maximum	1256.3	3774.0	6760.0
Mean	774.4	2205.9	3976.6
Median	814.9	2379.1	4281.8
Sample Size (NSOs)	245	245	245

### HexSim Home Range Zone 2 (WA Cascades, n = 455)



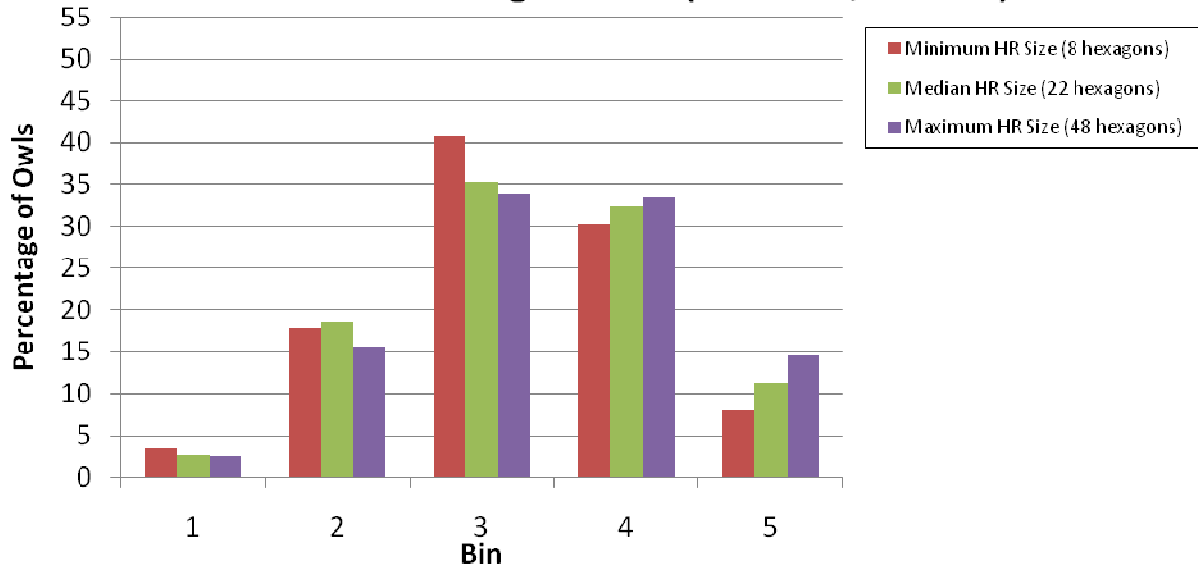
Zone 2	Home Range Size		
<b>Statistic</b>	Minimum	Median	Maximum
Minimum	11.8	37.7	56.9
Maximum	650.4	1859.6	5079.4
Mean	320.6	877.0	2239.5
Median	331.3	879.5	2210.4
Sample Size (NSOs)	455	455	455

### HexSim Home Range Zone 3 (OR Cascades, n = 670)



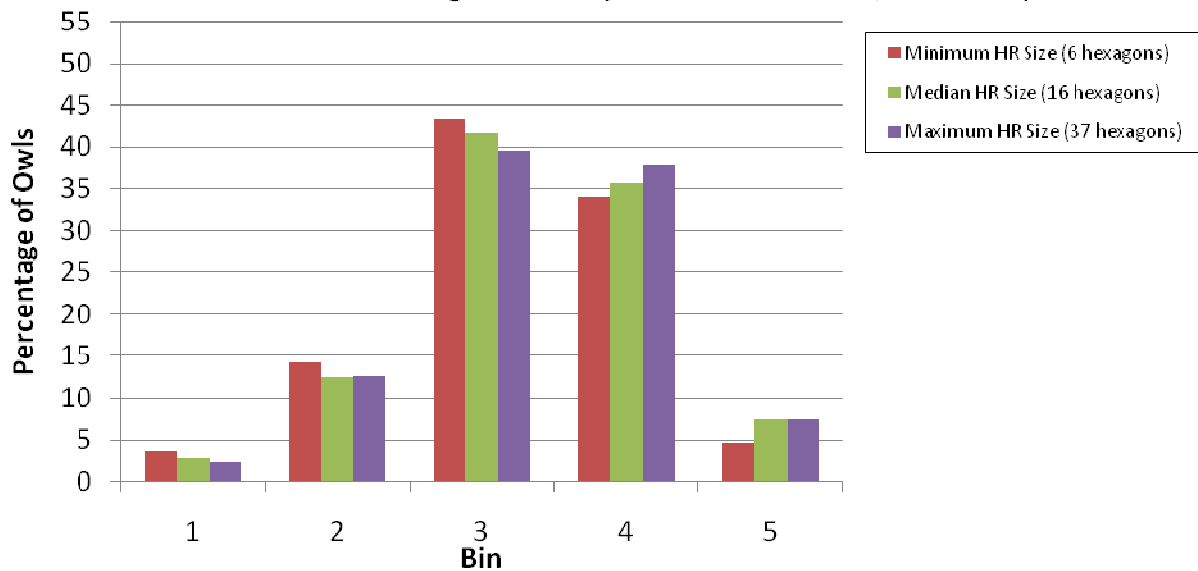
Zone 3	Home Range Size		
<b>Statistic</b>	Minimum	Median	Maximum
Minimum	12.4	30.2	238.6
Maximum	544.6	936.8	2642.0
Mean	292.0	552.1	1690.1
Median	306.6	581.9	1788.7
Sample Size (NSOs)	670	670	670

### HexSim Home Range Zone 4 (OR Coast, n = 454)

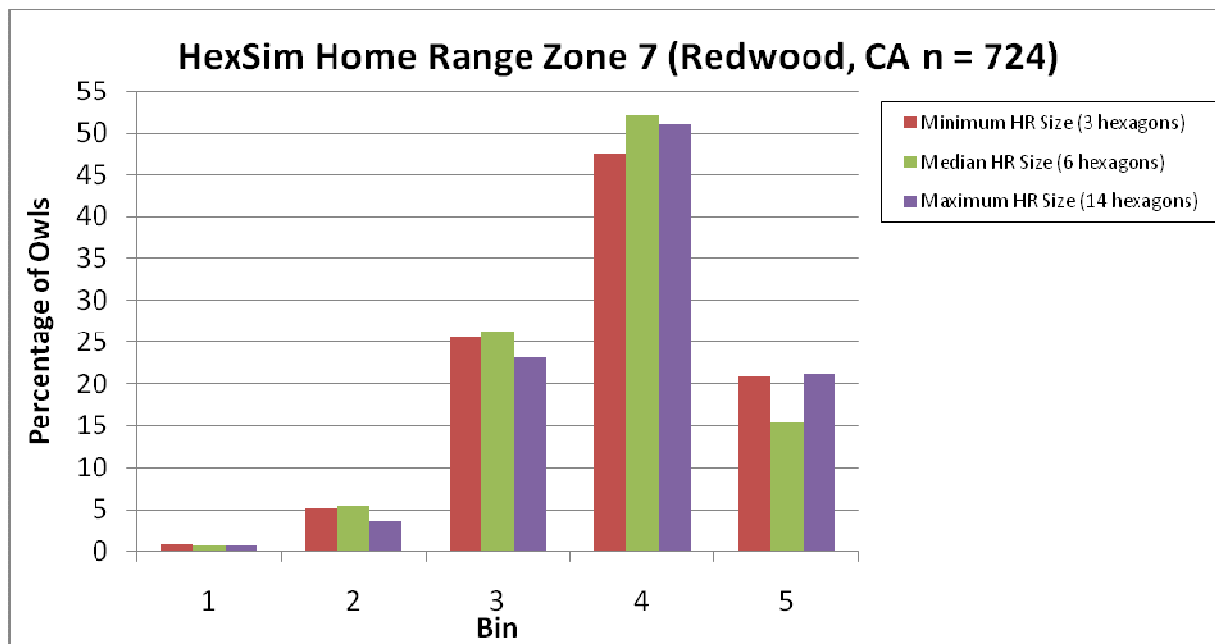


Zone 4	Home Range Size		
<b>Statistic</b>	Minimum	Median	Maximum
Minimum	20.8	62.5	150.5
Maximum	541.0	1312.8	2625.5
Mean	291.2	735.6	1529.6
Median	293.5	743.1	1535.6
Sample Size (NSOs)	454	454	454

### HexSim Home Range Zone 6 (CA & OR Klamath, n = 1242)



Zone 6	Home Range Size		
<b>Statistic</b>	Minimum	Median	Maximum
Minimum	8.4	39.7	117.3
Maximum	443.3	1055.7	2300.6
Mean	241.4	595.7	1313.5
Median	245.0	608.7	1342.0
Sample Size (NSOs)	1242	1242	1242



Zone 7	Home Range Size		
<b>Statistic</b>	Minimum	Median	Maximum
Minimum	25.1	34.7	75.7
Maximum	189.6	370.2	802.2
Mean	127.3	241.6	539.2
Median	131.2	247.4	550.1
Sample Size (NSOs)	724	724	724